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**Images on the front cover:** In rice breeding, research activities have been carried out in the Russian FSBSI "Federal Scientific Rice Centre" for more than 90 years. With traditional breeding, high-tech DNA marking techniques are also used to develop breeding material characterized by high yield, resistance to pathogens, and better grain quality. Within the framework of the Russian Science Foundation Grant 22-16-20015, "Innovative Breeding Technology for Developing Rice Cultivars with High Nutritional Quality of Grain", and this study was conducted through the Expert efforts on grain quality, breeding, and biotechnology, in which a multilateral assessment of the parental genotypes and hybrids of various generations was carried out based on the quality traits - grain size, fracturing, vitreousity, followed by a comparative analysis of the manifestation of traits. Detailed information about the said research can be found in the research manuscript by Mukhina *et al.* (2024) entitled: Mukhina ZHM, Tumanyan NG, Garkusha SV, Papulova EYu, Chukhir NP, Chukhir IN, Gnenniy EYu, Esaulova LV, Malyuchenko EA, and Vakhrusheva NI (2024). Improving coloured rice grain quality through accelerated breeding. *SABRAO J. Breed. Genet.* 56(1): 56 (1): 89-100. <http://doi.org/10.54910/sabrao2024.56.1.8>.

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